

Notice of Allowability

Application No.

10/605,827

Examiner

Charles E. Anya

Applicant(s)

JIN, KE

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Applicant's amendment of 7/10/07 & interview of 9/12/07.
2. ☒ The allowed claim(s) is/are 1,2,4-18,21-28,30-35,37-40 and 42-45 now renumbered as 1-39.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.


THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☒ Interview Summary (PTO-413),
Paper No./Mail Date 9/12/07
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____


WILLIAM THOMSON
SUPERVISORY PATENT EXAMINER

EXAMINER'S AMENDMENT & REASONS FOR ALLOWANCE

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Mack Riddle (reg. No. 55,572) on 9/12/07.

I. EXAMINER'S AMENDMENT:

In the claims:

Claim 1;

- line 6, insert "the message request comprises a General Inter-ORB Protocol (GIOP) Message Request" after – event channel; --;

Claim 3;

Cancel claim 3;

Claim 4;

- line 1, replace "claim 3" with – claim 1 –;

Claim 18;

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- line 5, insert "is a General Inter-ORB Protocol (GIOP) Message and" after – the request –;

Claims 19;

Cancel claim 19

Claims 20 and 36;

Cancel claims 20 and 36

Claim 21;

- line replace "claim 20" with – claim 18 –;

Claim 34;

- line 1, replace "A system for sending" with – An apparatus comprising: a processor for executing instruction to send --;
- line 4, insert "the message request comprises a General Inter-ORB Protocol (GIOP) Message Request" after – event, --;

II. REASONS FOR ALLOWANCE:

The following is an examiner's statement of reasons for allowance:

The prior arts of record do not explicit teach or render obvious the invention as recited in the independent claims.

The Fleming et al prior art (U.S. Pub. No. 2003/0046395 A1) provides event notification mechanism for use in transactional servers. The event notification mechanism includes a producer of events and that posts the events to an Event broker. A consumer subscribes to the posted event by registering with the event broker. When the event broker receives an event that matches the consumer subscription it delivers or makes available the particular event to the consumer.

The Anderson et al. (U.S. Pat. No. 6,961,939 B2) prior art discloses a technique for transmitting message fragments between object request brokers operating in a distributed object oriented. The technique allows for fragmentation of messages including fragment offset for determining the location of data bytes in sub-messages with respect to the original message that was fragmented.

However, the invention as claimed "providing an indicator enabling a user to specify whether to adjust the header if necessary to properly align the body of an event message; determining if the body of the event message is properly aligned; if the body of the event message is determined to be misaligned, blocking delivery of the event message based on the indicator; and if the body of the event message is determined to be properly aligned", when taken in the context of the claims as a whole, was not uncovered in the prior art's teaching.

Nor were references uncovered that would have provided a basis of evidence for asserting a motivation that one of ordinary skill in the art at the time the invention was made, knowing of the event notification mechanism that allows for posting for messages, registering subscription and delivering message/event on occurs or

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technique for transmitting message fragments between object request brokers, would have integrated or modified to teach an indicator that enables a user to specify whether to adjust the header if necessary to properly align the body of an event message; determining if the body of an event message is properly aligned; if the body of the event message is determined to be misaligned, blocking delivery of the event message based on the indicator; and if the body of the event message is determined to be properly aligned" as claimed by the instant application.

Dependent claims are allowed as they depend upon allowable independent claims.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

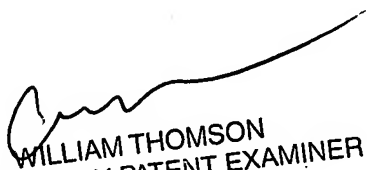
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Charles E. Anya whose telephone number is 571-272-3757. The examiner can normally be reached on 8:30-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, William Thomson can be reached on 571-272-3718. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

cea.


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